

FIG. 1

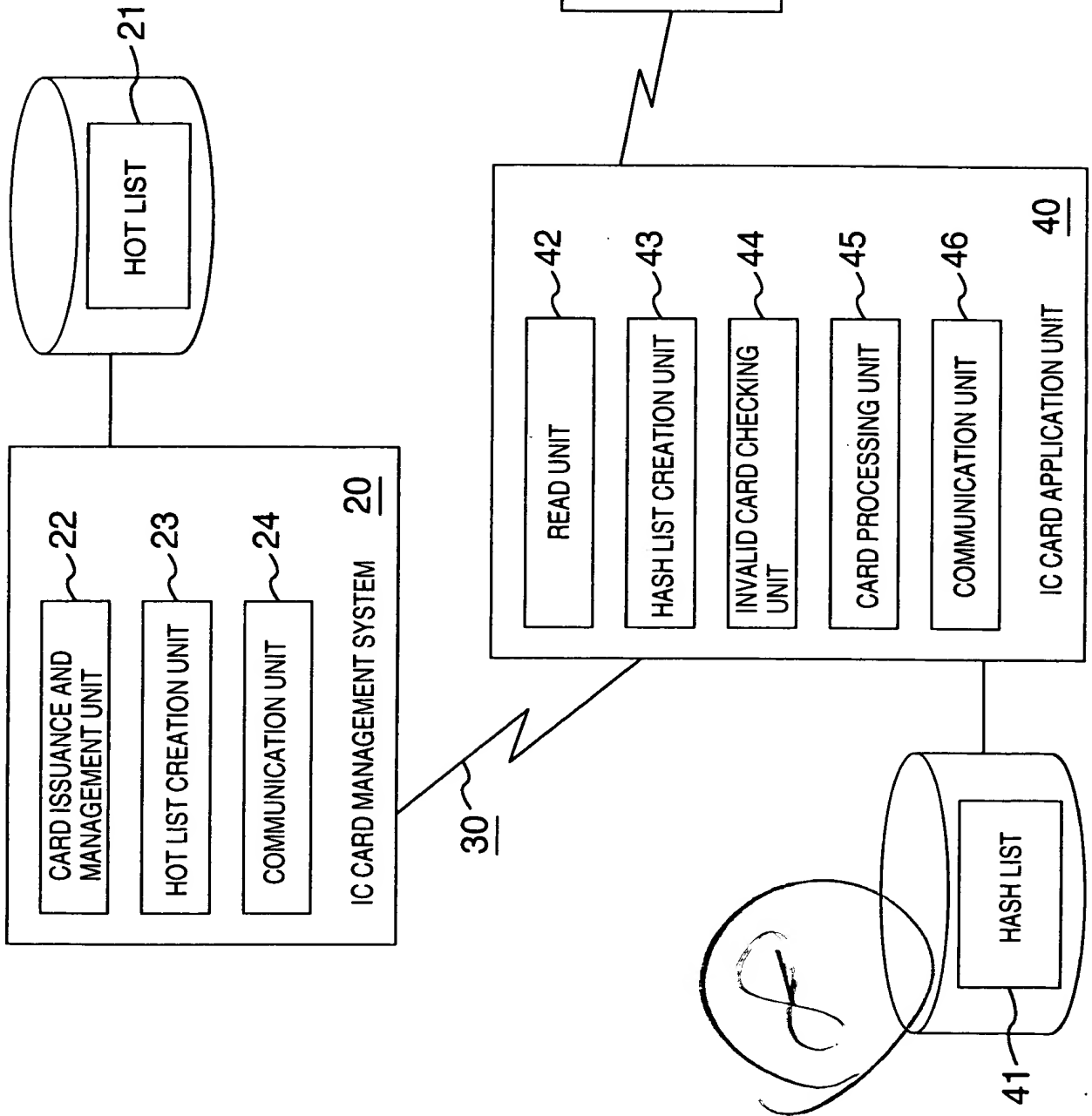


FIG. 2A

21a

ID + HASH VALUE
a a a a A A
b b b b A A
c c c c B B
d d d d C C
⋮

FIG. 2B

21b

ID
a a a a
b b b b
c c c c
d d d d
⋮

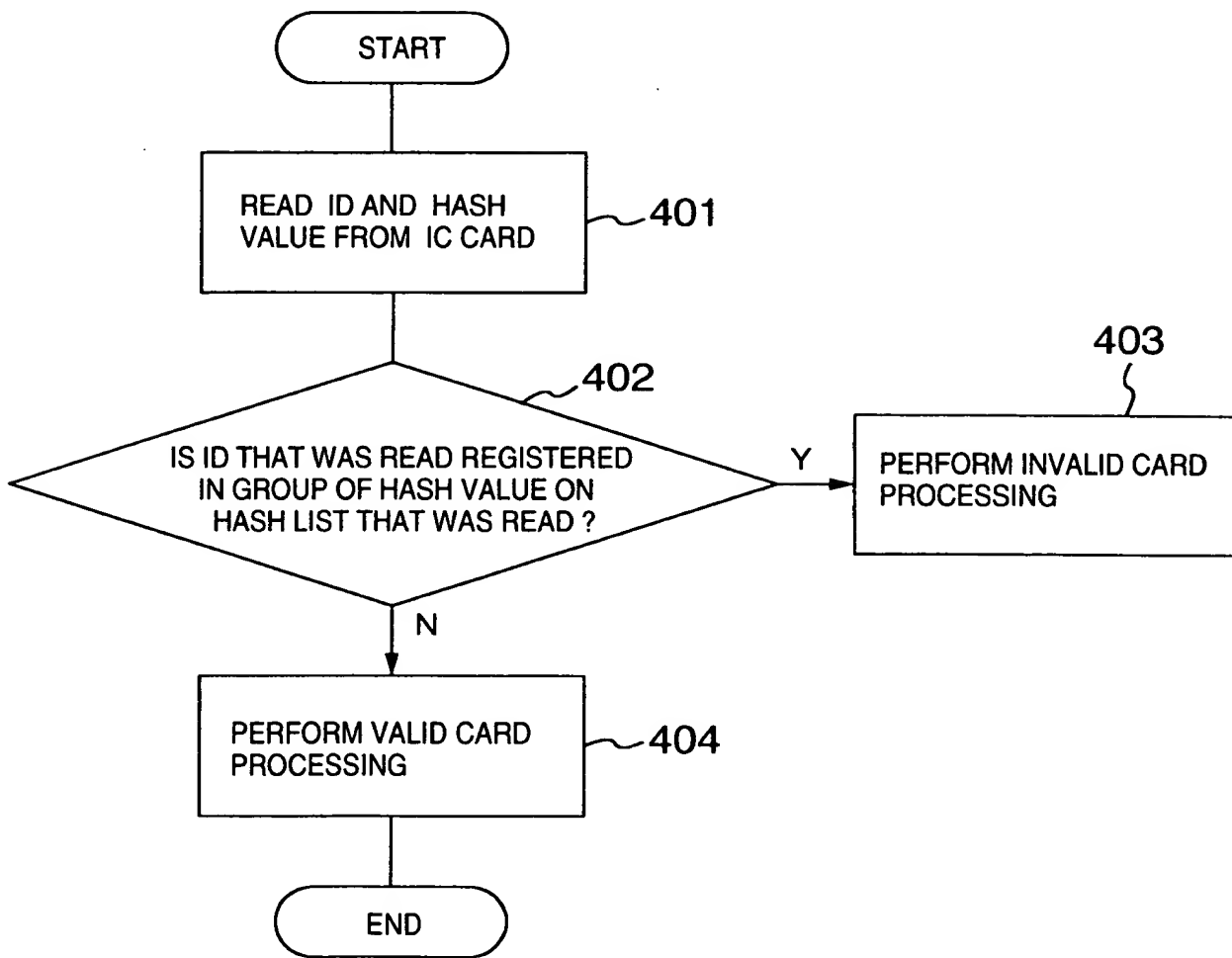
FIG. 3

41

HASH VALUE	ID
A A	a a a a b b b b
B B	c c c c
C C	d d d d
⋮	⋮

655007-33/2760

FIG. 4



555007 3342460

FIG. 5

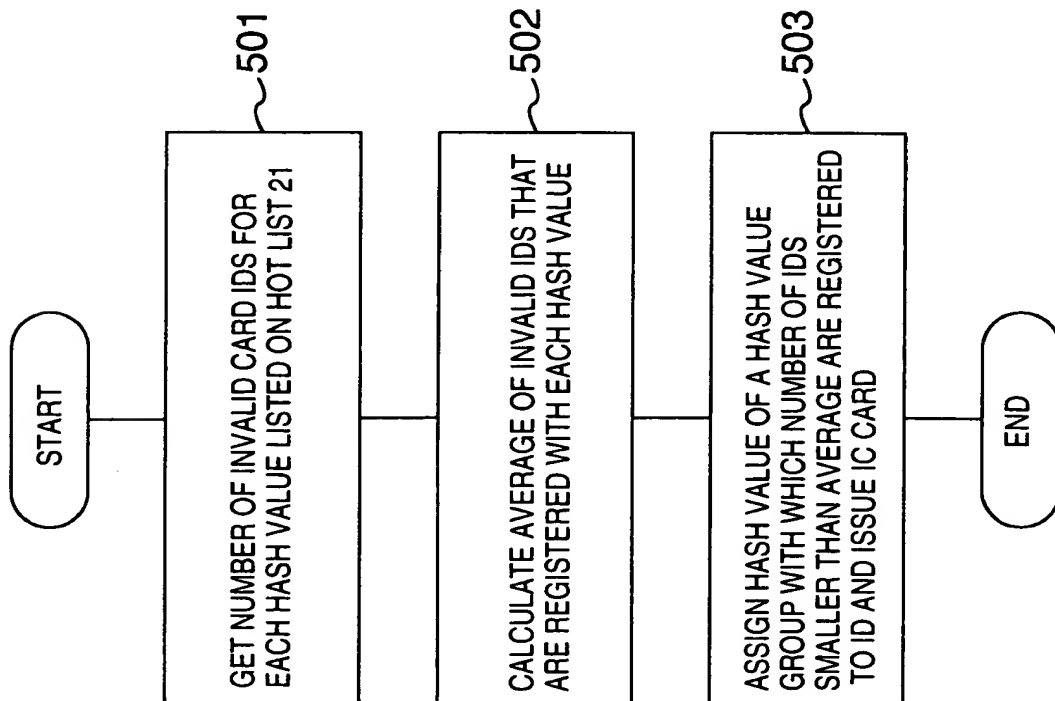


FIG. 7

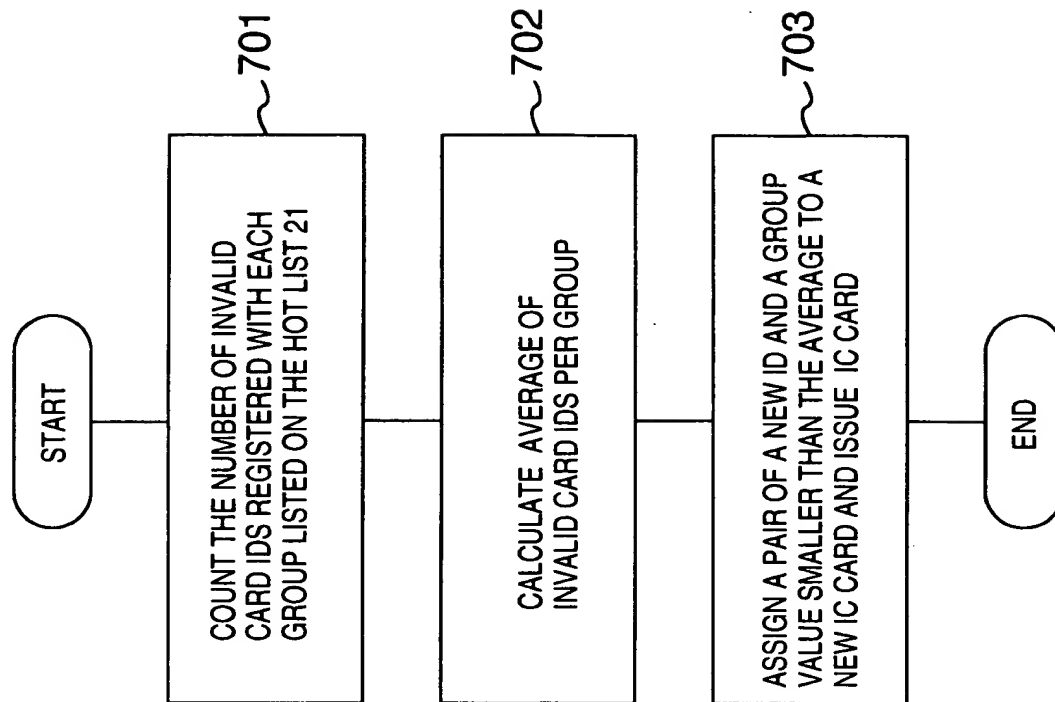


FIG. 6

61

HASH VALUE (GROUP VALUE)	ID
A A	a a a a j j j j p p p p
	b b b b l l l l
	e e e e m m m m r r r r
	f f f f o o o o
B B	c c c c
	g g g g
C C	d d d d k k k k s s s s
	h h h h n n n n t t t t
	i i i i q q q q
.

SEARCH TIME IS LONG BECAUSE
SEARCH AMOUNT IS LARGE

22 IDS

SHORT SEARCH TIME

2 IDS

INTERMEDIATE SEARCH TIME

9 IDS